

Design Build Materials Quality Incentive Program

Policy

The quality incentive for Design Built projects will be full pay for all acceptable materials. The Design-Builder test results for Hot Mix Asphalt (HMA) and aggregate shall be statistically evaluated for quality level and price adjustment, if applicable, in accordance with this section 1-06 of the Standard Specifications. The maximum allowable Composite Pay Factor (CPF) for materials accepted under this section shall be limited to a maximum of 1.00.

Acceptance of materials shall be based on statistical evaluation for the applicable elements such as gradation, fracture, sand equivalent, asphalt content, optimum moisture, etc. The Design-Builder shall use WSDOT's QA software that can be downloaded from the WSDOT web site or another software program that is mutually acceptable. The material shall be sampled at the point of acceptance in accordance with the applicable test procedure and specifications. A table of adjustment factors and the price for the material needs will need to be added to the contract documents.

The general special provisions for statistical pay for aggregate will need to be added to the contract requirements.

After the first three sublots have been tested the Design Builder shall compute and maintain the Composite Pay Factor (CPF) of the completed sublots. The Design-Builder shall furnish WSDOT with a copy of the results of all Quality Assurance testing and the composite pay factor calculations within 24 hours of completing the testing or the next day of business.

Discussion

This process should provide WSDOT with specification material. This procedure is currently in place and works well with the materials WSDOT purchases on construction projects with the normal design, bid, build process.